

ABSTRACT

Gas-expanded liquids, methods of use thereof, and systems of using gas-expanded liquids are provided. One exemplary system, among others, includes: a gas-expanded liquid system comprising a gas and a liquid, wherein the gas-expanded liquid system is adapted to generate a gas-expanded liquid; and a substrate handling system adapted to position a substrate having a photoresist layer so that the gas-expanded liquid can be made to contact the substrate to remove the photoresist layer.